### General Contractors

Tormax iMotion®
TN 110 In-Floor Swing Door Drive
For Slender Profile Door Rails

## Installation/Facilitation Guidelines

*Center & Offset Pivot Application*
- Flush Mount - Terrazzo Pan

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Issue Date 09/2018
iMotion® TN 110 IN-FLOOR SWING DOOR DRIVE FOR SLENDER PROFILE DOOR RAILS: FLUSH MOUNT - TERRAZZO PAN

CENTER & OFFSET PIVOT APPLICATION

NOTES:
REFER TO US802356 (MANUAL) FOR INSTALLATION DETAILS

* * - INDICATES COMPONENT IS JOB SPECIFIC OR OPTIONAL

110 VAC
15 AMPS MIN
50-60 HZ

CONTROL BOX

FUNCTION CONTROL PANEL

TORMAX USA Inc.
ELECTRICAL DETAILS

NOTES:
(1) **"** INDICATES JOB SPECIFIC, CONSULT GC FOR FURTHER DETAILS.
(2) REF NEXT PAGE (ELECTRICAL DETAILS, SHT 3) FOR WIRING DETAILS.
(3) REF TN110 OPERATION MANUAL (P/N: US801461) FOR ADDITIONAL INFORMATION.
(4) INSTALLATION AND WIRING PRACTICES MUST COMPLY WITH LOCAL CODES.

KEY

- ACCESSIBLE HOLE FOR WIRING
- NOT ACCESSIBLE

- LINBUS CABLE 75'-0" SUPPLIED BY TORMAX
- 110V AC (IN) 10 AMPS
- 24V DC TO ACT. SWITCHES
- Ø MAX. 1-5/16"
- Ø MIN. 15/16"
**PIT PREPARATION DETAILS**

**NOTES:**

1. ENSURE PROVISIONS FOR WEEP DRAIN AND ELECTRICAL WIRING HAVE BEEN MADE PRIOR TO FILLING THE PIT WITH MORTAR.
2. WEEP DRAIN MUST BE INSTALLED OR MANUFACTURER'S WARRANTY WILL BE VOID.
3. WEEP DRAIN HARDWARE TO BE PROVIDED BY GC. WEEP DRAIN INSTALLATION & LOCATION OF TERMINATION MUST COMPLY WITH CITY AND/OR STATE CODES.

**NOTE:** TERRAZZO PAN REMOVED FOR CLARITY (THIS VIEW ONLY)

**BOX / OPERATOR LOCATION TOLERANCES**

**PIT DIMENSIONS**

19-3/4"L x 17-3/4"W x 6-7/8"D

**KEY**

- FINISHED FLOOR
- POSSIBLE WEEP DRAIN
- OPERATOR SHAFT

**NOTE:** **JOB SPECIFIC DIMENSION**

**ALIGN TOP OF BOX EVEN WITH FINISHED FLOOR**

**COVER ANY UNUSED HOLES PRIOR TO POURING MORTAR**

**WEEP DRAIN MUST BE INSTALLED OR MANUFACTURER'S WARRANTY WILL BE VOID.**

**PIT DIMENSIONS**

19-3/4"L x 17-3/4"W x 6-7/8"D

**INSTALL WEEP DRAIN IN EITHER HOLE**

**SECURE BOX TO FLOOR (HARDWARE BY OTHERS)**

**NOTE:** ENSURE PROVISIONS FOR WEEP DRAIN AND ELECTRICAL WIRING HAVE BEEN MADE PRIOR TO FILLING THE PIT WITH MORTAR.

**WEEP DRAIN HARDWARE TO BE PROVIDED BY GC. WEEP DRAIN INSTALLATION & LOCATION OF TERMINATION MUST COMPLY WITH CITY AND/OR STATE CODES.**

**COVER ANY UNUSED HOLES PRIOR TO POURING MORTAR**

**WEEP DRAIN MUST BE INSTALLED OR MANUFACTURER'S WARRANTY WILL BE VOID.**